Speed and Velocity Practice Problems Name:

V = D/T

What is the speed of a rocket that travels 9000 meters in 12.12 seconds?

What is the speed of a jet plane that travels 528 meters in 4 seconds?

After an impact involving a non-functioning satellite, a paint chip leaves the surface   
of the satellite at a speed of 96 m/s. After 17 seconds, how far has the chip landed?

The space shuttle Endeavor is launched to altitude of 500 km above the surface of   
the earth. The shuttle travels at an average rate of 700 m/s. How long will it take for   
Endeavor to reach its orbit?

How long will your trip take (in hours) if you travel 350 km at an average speed of   
80 km/hr?

6. How many seconds will it take for a satellite to travel 450 km at a rate of 120 m/s?

What is the speed of a walking person in m/s if the person travels 1000 m in 20   
minutes?

How far (in meters) will you travel in 3 minutes running at a rate of 6 m/s?

A trip to cape Canaveral, Florida takes 10 hours. The distance is 816 km. Calculate the average speed.